

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000722**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 21-Mar-2008**Location:** Changxing Island, Shanghai, China

**Submittals(New / Total):**      **CWR's:** /      **HSR's:** /      **NCR's:** /

Item	Title	Detail
1	Major component movement	<p>OBG Production:</p> <p>Fitting and welding T-stiffeners to side plates, Fitting and welding stiffeners to floor beams, Machining, beveling and bending closed-ribs, Fitting closed-ribs to deck panels, ZPMC performed closed-rib welding on 3 PMT tests for Gentries 1 and 2, and Deck Plates DP488-001, DP110-001, DP002-001 and DP137-001. Splice welding Side Plates in OBG Assembly Shop</p> <p>Tower Production:</p> <p>Cutting Skin Plates Heat straightening diaphragm plates, Fit-up and welding diaphragm plates, QA UT of diaphragm plates revealed indications near the weld toe. ZPMC has not ground the weld as required by the Special Provisions to eliminate these indications.</p> <p>77m Tower Mock-up: No work observed.</p> <p>89m Tower Mock-up: Grinding weld terminations.</p> <p>114m Tower Mock-up: Waiting for corner splice plates. No work observed.</p>
2	Key conversations	<p>QA UT of the closed-rib PJP procedure correlation samples for the 60% to 70% range revealed that ZPMC was using a correction factor. The purpose of the samples is to establish a correlation factor. ABF Level III Steve Lawton stated he was not aware that the testing was performed incorrectly. Mr. Lawton stated that he would have the testing performed again and</p>

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		would ensure that his UT technician also verify the results. QA asked to be allowed to verify the results of this testing prior to the mechanical testing. Mr. Lawton stated he would inform QA when the samples are ready for QA.
3	Other important observations	The PMT macro etches for Thursday, March 20, 2008 was evaluated by ABF, ZPMC and Caltrans today after the preparation was complete. The PMT tests for today have not been prepared.
4	Quality Assurance Inspectors per shift	Approximately 70% of the QA staff was performing Quality Control functions.
5	Logistics	The 1500 ZPMC ferry was cancelled. ZPMC informed QA the 1700 ferry was cancelled as well. However, while in route to the 1700 public ferry, ZPMC informed QA the ZPMC ferry was running. Day shift left on the ZPMC ferry, however the night shift took the public ferry to the island.
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<b>Inspected By:</b> McClary,David		Quality Assurance Inspector
<b>Reviewed By:</b> Lowry,Patrick		QA Reviewer